

Rugged Completely Sealed IP66/NEMA4X Stainless Steel Chassis/Surface Mount PANEL PC

Rugged Completely Sealed Full IP66/NEMA4X Stainless Steel Chassis/Surface Mount,
17" LCD monitor , 1280 x 1024, 1000 nits, with Glass, VGA and DVI input
Optical bonding to prevent condensation

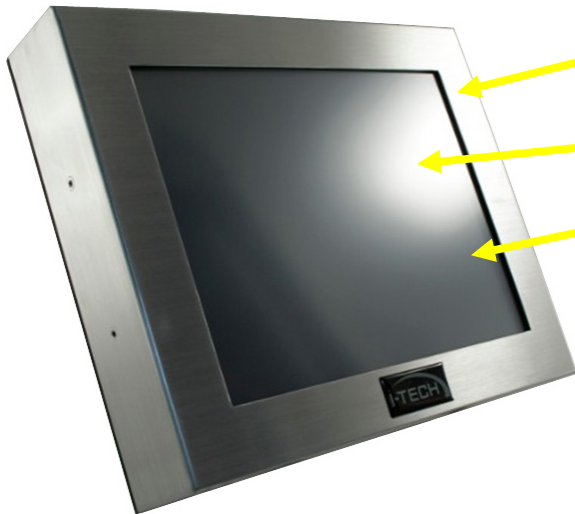


1000 nits

Model: SCH1700HBOB-SIP

Features Highlights

Rugged Completely Sealed IP66/NEMA4X Stainless Steel Chassis/Surface Mount with All-in-One PC Fanless Solution



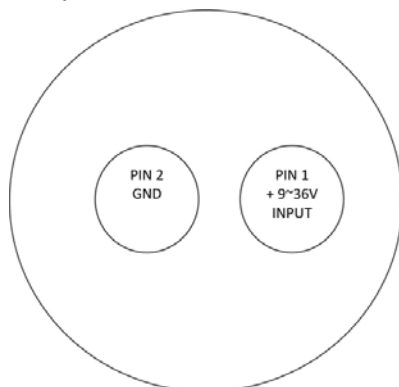
Water Proof Solution, Full IP/NEMA4 Rating
front and back
Stainless and Aluminum Housing Chassis Design

Optional High Brightness and Touch screen

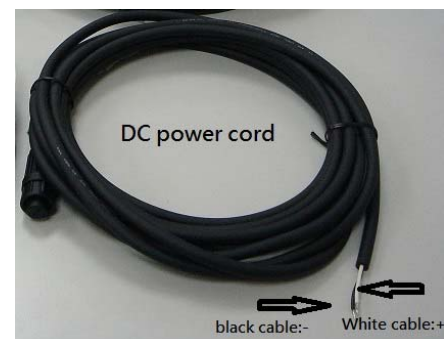
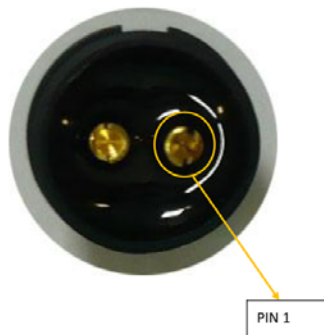
Glass Protective Glass at front



- IP65 Water and Dust proof connection for a higher protection
- All Connectors are facing back with IP66 water proof connectors
- Optional DC 9-36V input



IP67 Connector (DC)



Condensation Issue Might Occur without Optical Bonding Technology

iTech IP65 Front and Full IP66 Chassis are designed for those applications require IP (Ingress Protection) feature, like chemical industry, food industry and medical industry. However, the IP65 Front and Full IP66 chassis might get moisture condensation issue for the applications under direct sunlight.

Optical bonding is the recommended solution to resolve moisture condensation issue and it also enhance sharpness of the image.



Features:

- Modular mechanism design provides flexible product configuration and easy maintenance.
- Stainless Steel Enclosure
- Optional with auto-brightness sensor offers application in day and night.
- Optional to built-in touch screen for interactive application

Specifications:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	5 : 4 / 17" viewable diagonal area	
	Active Area / Pixel Pitch	337.92(H) x 270.34(V) mm / 0.264(H) x 0.264(V) mm	
	Native Resolution / Colors	1280(H) x 1024(V) / 16.7 Million	
	Brightness / Contrast	1000 cd/m ² (typ) / 800 :1	
	Response Time	^ 5 ms	
	Viewing Angle (typical)	H. 160° (- 80° ~ + 80°) , V 160°(- 80° ~ + 80°)	
	Light Source	CCFL , Long life, 50,000 hrs (typ)	
Input Sources	PC System	Signal	Analog RGB (0.7/1.0 V _{p-p} , 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F _H : 30 - 82Khz , F _V : 50 -75Hz
	Audio System	2W speaker x 2	
Input Terminals	1 x VGA (15 Pin Female D-Sub), 1 x PC Audio (Stereo Headphone Jack), 1 x DC JACK		
Convenient Features	Auto Calibration , Back Light Adjustment, Plug&Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA 100 x 100 mm)		
Power	External AC-to-12VDC power adapter with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz		
Power Consumption	Operation / Power Saving	30 watt, < 2 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F), 10% ~ 90% (no condensation)	
Storage Condition	Temperature / Humidity	- 20°C ~ 60°C (- 4°F ~ 140°F), 10% ~ 90% (no condensation)	
Certification	FCC,CE		
Dimensions	Physical	With Base(W x H x D): TBD	
		Without Base(W x H x D): 430.0 x 370.0 x 79.0 (mm)	
	Carton	W x H x D = TBD	
Weight	N.W. / G.W.	10.0 Kgs/12.0 Kgs	
Container Loaded	20ft / 40ft / 40ft HQ	1040 / 2160 / NA (Sets , By pallet)	

Options	Touch	Video / TV	Enhanced Panel	Others
	Resistive touch	SV + AV	Panel with LED backlight	Digital Signage(Stand alone)
	Capacitive touch	SV + AV + AV_Looping	High brightness panel	Networking Digital Signage
	SAW touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Infrared touch		Sunlight Readable	Light Sensor
	Protected glass			Auto-Dimming

Mechanical Drawing

